

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-200-1
Relating to Exemptions under Section 27156
of the Vehicle Code

DOUG THORLEY HEADERS
EXHAUST CROSSOVER PIPE PART NO. 300Y CO

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-5;

IT IS ORDERED AND RESOLVED: That the installation of the exhaust crossover pipes, part #300Y CO manufactured by Doug Thorley Headers of Corona, California, has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1974 through 1980 Chevrolet and GMC trucks and Blazer/Jimmy's equipped with an engine of displacement between 283 to 400 cubic inches, excluding those catalyst equipped vehicles using feedback controls.

This exemption shall not apply to any device, apparatus, or mechanism advertised, offered for sale or sold with, or installed on, a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order is valid provided that installation instructions for this device will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the design or operating conditions of the device, as exempted by the Air Resources Board, that adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of this device using an identification other than that shown in this Executive Order or marketing of this device for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of a kit shall not be construed as an exemption to sell, offer for sale, or advertise any component of a kit as an individual device.

This Executive Order does not constitute any opinion as to the effect that the use of this device may have on any warranty either expressed or implied by the vehicle manufacturer.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE DOUG THORLEY HEADERS EXHAUST CROSSOVER PIPE PART NO. 300Y CO.

No claim of any kind, such as "Approved by the Air Resources Board" may be made with respect to the action taken herein in any advertising or other oral or written communication.

Section 17500 of the Business and Professions Code makes untrue or misleading advertising unlawful, and Section 17534 makes violation punishable as a misdemeanor.

Section 43644 of the Health and Safety Code provides as follows:

"43644. (a) No person shall install, sell, offer for sale, or advertise, or, except in an application to the state board for certification of a device, represent, any device as a motor vehicle pollution control device for use on any used motor vehicle unless that device has been certified by the state board. No person shall sell, offer for sale, advertise, or represent any motor vehicle pollution control device as a certified device which, in fact, is not a certified device. Any violation of the subdivision is a misdemeanor."

Any apparent violation of the conditions of this Executive Order will be submitted to the Attorney General of California for such action as he deems advisable.

Executed at El Monte, California, this th 15 day of May, 1990.


K.D. Drachard, Chief
Mobile Source Division

State of California
AIR RESOURCES BOARD

EVALUATION OF DOUG THORLEY HEADERS' EXHAUST CROSSOVER PIPE
FOR EXEMPTION FROM THE PROHIBITIONS OF VEHICLE CODE
SECTION 27156 IN ACCORDANCE WITH SECTION 2222, TITLE 13, OF THE
CALIFORNIA ADMINISTRATIVE CODE

May 1990

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by

Mobile Source Division
State of California
Air Resources Board
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El Monte, CA 91731

(This report has been reviewed by the staff of the California Air Resources Board and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the Air Resources Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.)

SUMMARY

Doug Thorley Headers (Thorley) has applied for exemption from the prohibitions in Vehicle Code Section 27156 for their exhaust crossover pipes for 1974-1980 Chevrolet and GMC trucks and Blazer/Jimmys with an engine displacement between 283 to 400 cubic inches, excluding those catalyst equipped vehicles using feedback controls.

Thorley has submitted a completed application and all the required information. An engineering evaluation conducted by the staff determined the exhaust crossover pipes would not have an adverse effect on the emissions from the above vehicles.

The staff recommends that Thorley be granted an exemption for their crossover pipes and that Executive Order D-200-1 be issued.

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EVALUATION OF DOUG THORLEY'S EXHAUST CROSSOVER PIPES
FOR EXEMPTION FROM THE PROHIBITIONS OF VEHICLE CODE
SECTION 27156 IN ACCORDANCE WITH SECTION 2222, TITLE 13, OF THE
CALIFORNIA ADMINISTRATIVE CODE

I. INTRODUCTION

Doug Thorley Headers (Thorley) of 1561 Commerce Street, Corona, California 91720, has applied for exemption from the prohibitions of Vehicle Code Section (VC) 27156 for their exhaust crossover pipes for 1974 - 1980 Chevrolet and GMC trucks and Blazer/Jimmys with an engine displacement between 283 and 400 cubic inches, excluding those catalyst equipped vehicles using feedback controls.

Thorley has submitted a completed application and all the necessary information.

II. CONCLUSIONS

Based on the submitted information and an engineering evaluation, the staff concludes that the installation of the Thorley exhaust crossover pipes will not adversely affect exhaust emissions from the vehicles for which the exemption has been requested.

III. RECOMMENDATION

The staff recommends the exemption be granted to Doug Thorley Headers as requested and that Executive Order No. D-200-1 permitting the advertisement, sales and installation of the exhaust crossover pipes be issued.

EXHAUST CROSSOVER PIPE DESCRIPTION AND OPERATION

The Thorley exhaust crossover pipes are replacements for the original equipment manufacturer (OEM) exhaust crossover pipes found on 1974 - 1980 model-year Chevrolet and GMC trucks and Blazer/Jimmys with an engine displacement between 283 and 400 cubic inches, excluding those catalyst equipped vehicles using feedback controls. The function of the exhaust crossover pipes (both OEM and Thorley) is to route exhaust gases from the two exhaust manifolds or headers of the engine into a common pipe which then feeds the catalytic converter.

The installation of the Thorley exhaust crossover pipes do not require disconnection or removal of any OEM emission control components and does not alter the location of the catalytic converter.

V. DISCUSSION

Thorley submitted all the required information for obtaining a VC 27156 exemption for the exhaust crossover pipes, part #300Y C0. Through an engineering evaluation, staff determined that the exhaust crossover pipes will not have an adverse impact on the aforementioned vehicles, since they will only be used for vehicles without feedback controls and do not alter the location of the catalyst.